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I claim:

1. A satellite broadcasting system comprising:

a satellite dish coupled to a low-noise block converter; and

said low-noise block converter is coupled to a first means of converting vertical polarization signals and horizontal polarization signals or left-hand circular polarization signals and right-hand circular polarization signals from <sup>a</sup>said satellite and transmitting simultaneously via a single coaxial cable for enabling two different frequencies and polarities to be transmitted simultaneously via said single coaxial cable.

2. A satellite broadcasting system as in claim 1 further comprising a second means ~~is~~ coupled to said first means;

said second means converts said vertical polarization signals and said horizontal polarization signals or said left-hand circular polarization signals and said right-hand circular polarization signals from said first means to frequencies for a source;

a satellite receiver is coupled to said second means; and

said source is coupled to said satellite receiver.

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3. A satellite broadcasting system as in claim 2 wherein a power source is coupled to said first means and said power source powers said first means.

4. A satellite broadcasting system as in claim 2 wherein said second means provides for said signals to be converted separately and independently to said satellite receiver by a transmitting means.

5. A satellite broadcasting system as in claim 2 wherein said second means provides for a transmitting means for said signals to be selectively converted to said satellite receiver via a first cable coupled to said second means.

6. A satellite broadcasting system as in claim 5 wherein said transmitting means further includes a polarity switch for permitting said signals to be selectively converted to said satellite receiver.

7. A satellite broadcasting system as in claim 2 wherein said first means includes a first converting system for converting said signals of a first direction to a desired first frequency and polarization and a second converting system for converting said signals of a second direction to a desired second frequency and polarization.

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8. A satellite broadcasting system as in claim 7 wherein said first converting system includes a first down converter which is coupled to an amplifier and said second converting system includes an up converted coupled to a second down converter and a joining means is coupled to said amplifier and said second down converter.

9. A satellite broadcasting system as in claim 8 wherein said joining means includes a four way splitter.

10. A satellite broadcasting system as in claim 9 wherein a phase lock loop transmitter is coupled <sup>to</sup> said four way splitter.

11. A satellite broadcasting system as in claim 4 wherein said second means includes a splitting means to split and divide said signals from said single coaxial cable to enable said signals to be transmitted to a first converting system for converting said signals of a first direction to a desired first frequency and polarization for said satellite receiver and a second converting system for converting said signals of a second direction to a desired second frequency and polarization for said satellite receiver, and said first converting system and said second converting system provide for said transmitting means.

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12. A satellite broadcasting system as in claim 11 wherein said first converting system includes a first up converter which is coupled to said splitting means and said first down converter is coupled to a first down converter, said first down converter is coupled to said satellite receiver via a first conduit, said second converting system includes a second up converter coupled to said splitting means, and said second up converter is coupled to said satellite receiver via a second conduit.

13. A satellite broadcasting system as in claim 12 wherein said splitting means includes a four way splitter.

14. A satellite broadcasting system as in claim 13 wherein a phase lock loop receiver is coupled <sup>10</sup> said four way splitter.

15. A satellite broadcasting system as in claim 6 wherein said second means includes a splitting means to split and divide said signals from said single coaxial cable to enable said signal to be transmitted to a first converting system for converting said signals of a first direction to a desired first frequency and polarization for said satellite receiver and a second converting system for converting said signals of a second direction to a desired second frequency and polarization for said satellite receiver, and said first

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converting system and said second converting system provide for said transmitting means.

16. A satellite broadcasting system as in claim 15 wherein said first converting system includes a first up converter which is coupled to said splitting means and said first up converter is coupled to a first down converter, said first down converter is coupled to a joining means, said second converting system includes a second up converter coupled to said splitting means, and said second up converter is coupled to said joining means, said polarity switch is coupled to said first down converter and said second up converter, and said polarity switch is coupled to said first cable which is coupled to said satellite receiver.

17. A satellite broadcasting system as in claim 16 wherein said splitting means and said joining means each include a four way splitter, and a phase lock loop receiver is coupled said splitting means.

18. A satellite broadcasting system as in claim 8 wherein said second means includes a splitting means to split and divide said signals from said single coaxial to enable said signal to be transmitted to a third converting system for converting said signals of said first direction and a fourth converting system for converting said signals of said second direction.

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19. A satellite broadcasting system as in claim 18 wherein said third converting system includes a second up converter which is coupled to said splitting means and said second up converter is coupled to a third down converter, said third down converter is coupled to said satellite receiver via a first conduit, said fourth converting system includes a third up converter coupled to said splitting means, and said third up converter is coupled to said satellite receiver via a second conduit.

20. A satellite broadcasting system as in claim 8 wherein said second means includes a splitting means to split and divide said signals from said single coaxial to enable said signals to be transmitted to a third converting system for converting said signals of said first direction to a desired first frequency and polarization for said satellite receiver and a fourth converting system for converting said signals of said second direction to a desired second frequency and polarization for said satellite receiver.

21. A satellite broadcasting system as in claim 20 wherein said third converting system includes a second up converter which is coupled to said splitting means and said second up converter is coupled to a third down converter, said third down converter is coupled to a second joining means, said fourth converting system includes a third up converter

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coupled to said splitting means, and said third up converter is coupled to said second joining means, a polarity switch is coupled to said third down converter and said third up converter, and said polarity switch is further coupled to a conduit which is coupled to said satellite receiver, and said second joining means is coupled to said conduit.